	Type	Hits
1	BRS	0
2	BRS	1
3	BRS	4
4	BRS	0
5	BRS	0
6	BRS	0
7	BRS	214
8	BRS	6
9	BRS	10
10	BRS	6
11	BRS	10
12	BRS	0
13	BRS	3
14	BRS	12
15	BRS	3011
16	BRS	69
17	IS&R	1
18	IS&R	1

	Search Text
1	((("Hfo.sub.2" near2 "Ta.sub.2 O.sub.5") with (alloy or solution)) same (gate with (dielectric or insulat$5))
2	((("Hfo.sub.2" near2 "Ta.sub.2 O.sub.5") with (alloy or solution)) same (dielectric or insulat$5)
3	("Hfo.sub.2" near2 "Ta.sub.2 O.sub.5") with (alloy or solution)
4	"HfO.sub.2.sub.u"
5	"(HfO.sub.2).sub.u"
6	"(HfO.sub.2).sub.$3"
7	("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5")
8	(("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5")) same (gate with (dielectric or insulat$5))
9	("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5") near4 (solution or mixture or combination)
10	((("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5")) same (gate with (dielectric or insulat$5))) same (gate with (dielectric or insulat$5))
11	(("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5") near4 (solution or mixture or combination)) not (((("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5")) same (gate with (dielectric or insulat$5))) same (gate with (dielectric or insulat$5)))
12	(("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5") near4 (solution or mixture or combination)) same (gate with (dielectric or insulat$5))
13	(("Hfo.sub.2" near3 "Ta.sub.2 O.sub.5") near4 (solution or mixture or combination)) same (dielectric or insulat$5)
14	("3731163"|"4670355"|"4734340"|"5091763"|"5189503"|"5292673"|"5316977"|"5596214"|"5677015"|"5688724"|"5702972"|"6107656").PN.
15	silicide near4 (source or drain)
16	S1 same ("ILD" or (interlevel near2 dielectric))
17	("5292673").PN.
18	("6087238").PN.

	DBs	Time Stamp
1	USPAT	2002/08/22 21:43
2	USPAT	2002/08/22 21:36
3	USPAT	2002/08/22 21:42
4	USPAT	2002/08/22 21:42
5	USPAT	2002/08/22 21:42
6	USPAT	2002/08/22 21:42
7	USPAT	2002/08/22 21:51
8	USPAT	2005/01/06 18:41
9	USPAT	2002/08/22 21:54
10	USPAT	2002/08/22 21:55
11	USPAT	2002/08/22 21:54
12	USPAT	2002/08/22 21:55
13	USPAT	2002/08/22 21:55
14	USPAT	2004/09/06 16:17
15	USPAT	2004/09/07 11:48
16	USPAT	2004/09/07 11:50
17	USPAT; USOCR	2004/09/07 12:41
18	USPAT	2005/01/06 17:55

	Type	Hits
19	BRS	462
20	BRS	67
21	BRS	13
22	BRS	14
23	IS&R	1
24	BRS	699
25	BRS	8
26	BRS	19294
27	BRS	23203
28	IS&R	67603
29	BRS	3386
30	BRS	128
31	BRS	290
32	BRS	1
33	BRS	14
34	BRS	0
35	BRS	217
36	BRS	1
37	BRS	8
38	BRS	2615

	Search Text
19	("Ta.sub.2 O.sub.5" or (tantalum near2 (pent adj2 oxide))) with (gate with (dielectric or insulat$5))
20	S19 same (interfacial or barrier)
21	S19 with (interfacial or barrier)
22	("3731163" | "4670355" | "4734340" | "5091763" | "5189503" | "5292673" | "5596214" | "5677015" | "5688724" | "5702972" | "5880508" | "6027976" | "6037205" | "6107656").PN.
23	("5880508").PN.
24	(gate near2 width) with (channel near2 length)
25	("4610078").URPN.
26	(dual or double or second) near4 spacer
27	(dual or double or second) near4 spacer$1
28	("438").CLAS.
29	S27 and S28
30	(interfacial or (inter adj2 facial)) with (high near3 (dielectric or k))
31	(interfacial or (inter adj2 facial)) with (high near3 (dielectric or k))
32	S30 and S27
33	("3731163" | "4670355" | "4734340" | "5091763" | "5189503" | "5292673" | "5596214" | "5677015" | "5688724" | "5702972" | "5880508" | "6027976" | "6037205" | "6107656").PN.
34	("6727148").URPN.
35	(interfacial or (inter adj2 facial)) and S27
36	(interfacial or (inter adj2 facial)) same S27 same gate
37	("5766991" | "5783475" | "6150223" | "6440875" | "6475888" | "6506650" | "6613624" | "6613637").PN.
38	S27 same gate

	DBs	Time Stamp
19	USPAT	2005/01/06 18:42
20	USPAT	2005/01/06 18:42
21	USPAT	2005/01/06 18:42
22	US-PGPUB; USPAT; USOCR	2005/01/07 12:43
23	USPAT	2005/01/07 12:43
24	USPAT	2005/03/02 10:48
25	USPAT	2005/04/29 11:23
26	USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:25
27	USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:26
28	USPAT	2005/04/29 11:26
29	USPAT	2005/04/29 11:26
30	USPAT	2005/04/29 11:28
31	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:51
32	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:41
33	US-PGPUB; USPAT; USOCR	2005/04/29 11:43
34	USPAT	2005/04/29 11:44
35	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:50
36	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:46
37	US-PGPUB; USPAT; USOCR	2005/04/29 11:47
38	USPAT	2005/04/29 11:50

	Type	Hits
39	BRS	1919
40	BRS	67250
41	BRS	28
42	BRS	7
43	BRS	0
44	BRS	15
45	BRS	6
46	BRS	147
47	BRS	163
48	BRS	0
49	BRS	0
50	BRS	3180
51	BRS	0
52	BRS	229022
53	BRS	21
54	BRS	18523
55	BRS	2052
56	IS&R	69144
57	IS&R	134178

	Search Text
39	S38 and S28
40	(high near3 (dielectric or k))
41	S38 same S40
42	("5439839" | "5668065" | "5731608" | "5976949" | "6048738" | "6514842" | "6587365").PN.
43	("6828160").URPN.
44	("20010026982" | "20020005581" | "20020122995" | "5286665" | "5864160" | "5990532" | "6087208" | "6110790" | "6114228" | "6180499" | "6190981" | "6194748" | "6207485" | "6306715" | "6399469").PN.
45	("3795976" | "4356623" | "4462863" | "4495219" | "4844767" | "4992136").PN.
46	(reoxidation or (re adj2 oxidation)) with (metal near3 oxide)
47	(leakage near3 current) with (nonuniform$5 or (non adj2 uniform$5))
48	S46 same S47
49	S46 and S47
50	(leakage near3 current) and (nonuniform$5 or (non adj2 uniform$5))
51	S46 and S50
52	(leakage near3 current) or (nonuniform$5 or (non adj2 uniform$5))
53	S46 and S52
54	spacer with (glass or "PSG")
55	S54 same (gate electrode)
56	("438").CLAS.
57	("257").CLAS.

	DBs	Time Stamp
39	USPAT	2005/04/29 11:50
40	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:51
41	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/04/29 11:51
42	US-PGPUB; USPAT; USOCR	2005/04/29 12:02
43	USPAT	2005/04/29 12:06
44	US-PGPUB; USPAT; USOCR	2005/04/29 12:07
45	US-PGPUB; USPAT; USOCR	2005/06/17 10:15
46	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:40
47	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:42
48	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:42
49	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:42
50	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:42
51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:43
52	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:42
53	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/06/17 10:43
54	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	2005/07/27 09:36
55	USPAT	2005/07/27 09:37
56	USPAT	2005/07/27 09:37
57	USPAT	2005/07/27 09:37

	Type	Hits
58	BRS	147662
59	BRS	376

	Search Text
58	S56 S57
59	S55 and S58

	DBs	Time Stamp
58	USPAT	2005/07/27 09:38
59	USPAT	2005/07/27 09:38